

CPSC 304 Project Cover Page

Milestone #: 3

Date: March 10, 2025

Group Number: 56

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

No AI tools have been used during the creation of this milestone.

Project Description

This application is for a restaurant test kitchen. It helps with menu development for restaurants. The domain is contained within the entirety of the kitchen plus the suppliers. The application also contains the recipes for each menu item which are provided by the chefs. We have chefs who develop recipes which take Ingredients, and those Ingredients will all be supplied by suppliers. Each recipe requires equipment to be made into menu items. The recipes are used by the chefs and they make menu items, and those menu items are either foods or drinks. Each menu item can also be a part of a combo, or have add-ons such as fries or drinks.

3. Timeline and task breakdown/assignment:

Implementation of a query requires both the frontend, backend, and error handling all covered and completed. The queried relation could be subjected to change as development continues.

Timeline:

March 16: Complete/Show the tables included in the sql file on the GUI. (Louis)

Complete a basic wireframe and design for the GUI and set up modules for error handling and notifications (Perry)

March 19: Implement INSERT on Chef, UPDATE on MenuItem, DELETE on Recipes (Nicholas)

March 20: Implement SELECT on Equipment, Implement PROJECTION on Suppliers (Perry)

March 22: Implement JOIN on Recipe and Ingredients (Louis)

March 26: Implement Aggregation with GROUP BY on MenuItem, Implement Aggregation with HAVING on MenuItem (At least two of us since they are a bit more complicated and requires some discussion)

March 28: Implement Nested aggregation with GROUP BY on MenuItem(not finalized), Implement Division on Ingredients (not finalized)(At least two of us since they are a bit more complicated and requires some discussion)

March 30: Complete project demo, wrap up UI design, sanitizing project, ensuring user friendliness, error handling, and user notifications. We will work on implementing each of these through the previous parts along with UI, but instead double check everything fulfills the requirements if time permits (Together)

April 2: Final checks completed and submit everything required (Together)

8. In the milestone 3 assignment on Canvas, submit the URL to your group's repository.

https://github.students.cs.ubc.ca/CPSC304-2a024W-T2/project_j4m1n_n0t1v_v7l9t